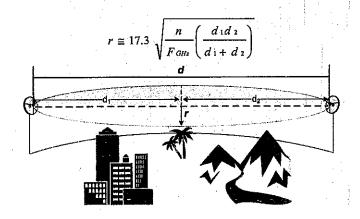


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1	Licensed	KOG97	RXONLY	2 GHz	63,54	Gray Television Licensee, Inc KOLN KGIN
2	Licensed	WQFW791	WQFW794	Lower 6 GHz	19.94	NE Colorado Cellular, Inc.
3	Applied		WQFW794	Lowek6.GHz	49.94	NE/Colorado/Gellular.Inc.
4	Licensed	WQFW792	WQFW798	Lower 6 GHz	22.69	N⊟ Colorado Cellular, Inc.
5	Licensed	WQFW794	WQUJ209	Lower 6 GHz	21.12	NE Colorado Cellular Inc
6	Licensed	WQFW794	WQFW792 -	Lower 6 GHz	14.38	NE Colorado Cellular, Inc
7	Licensed	WQTS259	WQZH624	11 GHz	16.34	Skybeam Acquisition Corporation
8	Licensed	WQTS259	WQZV918	11 GHz	7.83	Skybeam Acquisition Corporation
9	Licensed	WQWN780	WQWN778	11 GHz	9.76	Gentral Valley AG Cooperative
10	Licensed	-WQWN780	- WQWN7779	11 GHz	17.75	Central Valley AG Cooperative
11	Licensed	WQZH624	- WQZV918	11 GHz	17,18	/ il Skybeam Acquisition Corporation
12	Licensed	WQZV912	- WQZX687:	in GHz	16 17	Skybeam Acquisition Corporation
13	Licensed	WQZV912	WQZV918	iii GHz	15.54	Skybeam Acquisition Corporation
14	Licensed	WRAI499	- WQFW7/94	THE GHZ	9.59	r NE Colorado Callular, Inc
15	Proposed	WRAI499	WQFW794	49 GHZ	9.59	A NE Golorado Cellular, Inc.

Table 1: Summary of Microwave Paths that Intersect the Area of Interest
(See enclosed mw\_geopl.xlsx for more information and
GP\_dict\_matrix\_description.xls for detailed field descriptions)

Next, we calculated a Fresnel Zone for each path based on the following formula:



### Where,

r = Fresnel Zone radius at a specific point in the microwave path, meters

n = Fresnel Zone number, 1

 $F_{GHz}$  = Frequency of microwave system, GHz

d<sub>1</sub> = Distance from antenna 1 to a specific point in the microwave path, kilometers
 d<sub>2</sub> = Distance from antenna 2 to a specific point in the microwave path, kilometers

The calculated Fresnel Zone shows the narrow area of signal swath and is calculated for each microwave path in the project area. In general, this is the area where the planned wind turbines



should be avoided, if possible. A depiction of the individual Fresnel Zones is shown in Figure 3, and is also included in the shapefiles<sup>3,4</sup>.

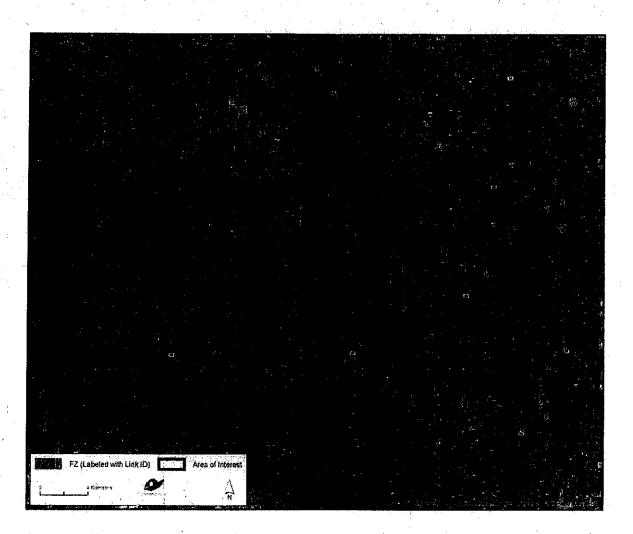


Figure 3: Fresnel Zones in the Area of Interest

Comsearch Proprietary

<sup>&</sup>lt;sup>3</sup> The ESRI® shapefiles enclosed are in NAD 83 UTM Zone 14 projected coordinate system.

<sup>&</sup>lt;sup>4</sup> Comsearch makes no warranty as to the accuracy of the data included in this report beyond the date of the report. The data provided in this report is governed by Comsearch's data license notification and agreement located at <a href="http://www.comsearch.com/files/data\_license.pdf">http://www.comsearch.com/files/data\_license.pdf</a>.



### **Discussion of Potential Obstructions**

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	la a distalla		Anna Carlott (1995) (1995) Anna Carlott (1995) (1995)	

For this project, turbine locations were not provided; thus we could not determine if any potential obstructions exist between the planned wind turbines and the incumbent microwave paths. If the latitude and longitude values for turbine locations are provided, Comsearch can identify where a potential conflict might exist.

### 4. Conclusion

Our study identified 15 microwave paths intersecting the Thunderhead project area of interest. The Fresnel Zones for these microwave paths were calculated and mapped. We recommend that all turbines be sited in locations that will not obstruct the Fresnel Zones.

### 5. Contact

For questions or information regarding the Microwave Study, please contact:

Contact person:

David Meyer

Title:

Senior Manager

Company:

Comsearch

Address:

19700 Janelia Farm Blvd., Ashburn, VA 20147

Telephone:

703-726-5656

Fax:

703-726-5595

Email:

dmeyer@comsearch.com

Web site:

www.comsearch.com

Exhibit H: Letters of Support

# Invenergy

### **EXHIBIT H**

### LETTERS OF SUPPORT

Please see the following document

**SEPTEMBER 19, 2018** 

TO WHOM IT MAY CONCERN,

MY NAME IS DEAN SCHRAGE. I AM THE OWNER OF DEAN'S MARKET IN ELGIN NE.

DURING THE CONSTRUCTION PHASE OF THE PROJECT IN OUR AREA, IT WAS A BOOST

TO ELGIN'S ECONOMIC DEVELOPMENT HAVING 175-225 WORKERS LIVING HERE

FOR 6-14 MONTHS.

IT BENEFITED OUR BUSINESS AS WELL AS MANY OTHER BUSINESSES, SUCH AS CONVENIENCE STORES, PARTS AND REPAIR SHOPS, AND RESTAURANTS. THE PARKS FOR CAMPERS AND RENTAL PROPERTIES ALSO GAINED FROM THE EXTRA WORKERS IN OUR TOWN.

LOCAL FARMERS ALSO RECEIVED INCOME FROM HAVING TOWERS PUT ON THEIR LAND.

IN SUMMARY, ECONOMIC DEVELOPMENT IS IMPORTANT FOR OUR LOCAL COMMUNITY, COUNTY, STATE AND COUNTRY ALONG WITH PROVIDING CLEAN, RENEWABLE WIND ENERGY WHICH SUPPORTS US ENERGY INDEPENDENCE..

THANK YOU FOR YOUR TIME AND CONSIDERATION.

) ear Schrage

SINCERELY,

**DEAN SCHRAGE** 

BOX 300

**ELGIN NE 68636** 

To Whom it may concern;

I am currently the manager of Caseys General Store in Neligh Nebraska. Over the last 6-9 months we have seen an increase in business because of the wind tower people. It has been great having these people in our small rural community.

The increase of people has not only been beneficial for Casey's but also many other businesses in our local area.

This has been a great experience for the whole community. Casey's and our community look forward to having more people join our community even if it is short periods of time.

Thank you

Gloria Dennis-manager of Casey's General Store, Neligh Nebraska

Chamber of Commerce & Industry Nebraska

Presented to:

Members who invest substantially in the Nebraska Chamber The Prestigous Cornerstone Project was developed for

to better ALL of Nebraska.

Member

aprold.

Hryan Slone Presidem, State Chamber

Senior Mee President-Marketing, State Chamber

wind turbines are mostly put up on existing garons in the Corner Section where the land Can still be worked or farmed by the rancher or jumer The wind power plant owners make lent payment to the James or Nancher gu the use of the land providing additional In term the money is spent in toron of local businessess helping increase patential yearly lainings ga the community The wind gam employees stay and shop in these areas Spending time and money. attending our activities, churches and School events. The as hotel owners have Noused many of these people and their Jamelies. They are good hard working men and Women most of witch have become new lige long griends Mark, Healter Miller. west blilluren motel

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Exhibit I: Decommissioning Plan

## Invenergy

### **EXHIBIT I**

### DECOMISSIONING PLAN

Please see the following document

# Estimate of Decommissioning Costs

Invenergy, LLC is proposing to construct a 300 MW Wind Project (Project) in Antelope and Wheeler Counties, Nebraska. This high-level assessment estimates the net decommissioning cost (i.e. the decommissioning cost less the salvage value) of the Antelope County, Nebraska portion of the Project after the projected operating life or possible abandonment. The Project is currently in development phase, with a proposed in-service date is December 31, 2020.

The Project, as conceived, will consist of one or several makes and / or models of wind turbine generators (WTG's), with a total combined capacity of 300 MW. Invenergy has identified 137 turbine locations in Antelope County. For purposes of this decommissioning estimate the turbines selected are the GE 2.5 127 mounted on monopole tubular steel towers, painted white, at a turbine hub height of 90 meters. The GE 2.5-127 is provided with a 127 meter diameter,

### **Decommissioning Cost**

Wind turbine towers, hubs, blades, and generators are modular, designed for ease in construction removal, reconditioning, and reinstallation. In the event the Project requires decommissioning, the following sequence for removal of the components for the purposes of this report is anticipated to be used:

- Mobilize decommissioning contractor
- De-energize the site, substation and transmission line
- Disconnect substation and transmission line from grid and wind farm
- Remove and salvage transmission line and poles
- Remove wind turbine components (blades, nacelle, tower)
- Remove collection system step-up transformers and junction boxes.
- Partially remove wind turbine foundations (concrete pedestals to approximately 4 feet
- Remove and salvage substation components
- Partially remove substation equipment foundations
- Demolish project O&M building and any project substation buildings
- Dispose of non-salvageable material at approved locations
- Dispose of foundation material at approved locations
- Remove and reclaim access road aggregates and aggregate surfaces.
- Reclaim (grade and topsoil) disturbed areas to near original condition

The underground collection system cables, placed at a depth of three (3) feet or more below existing grade are not anticipated to be removed and will be abandoned in place. At the depth indicated the collection system cables are not anticipated to impose an obstacle to future landowner activities.

Each of the foundation pedestals at the currently identified Antelope County turbine locations will be demolished to four (4) feet below grade and the larger octagonal spread foundation, greater than four (4) feet below grade, will remain in place. The turbine access areas are



generally located within an aggregate surface which encircles the turbine. The aggregate materials and geotextile fabric in these areas will be removed to suitable subsurface. After removal of the materials around the turbine locations and the pedestals, the areas will be backfilled with suitable material, top soiled, graded to the surrounding contours and seeded with approved vegetative cover.

Approximately 38 miles of secondary aggregate roads are proposed to be constructed to service the turbines, substation, and O&M facilities. Antelope County will contain approximately thirty (30) miles of these secondary roads. Surface aggregate and geotextile fabric will be removed to original grade (as near as practicable) and replaced with appropriate top soil and approved vegetative cover.

The project substation and transmission line will be deconstructed and decommissioned with the equipment foundations removed to four (4) feet below grade, aggregate surface materials and geotextile fabric and areas will be backfilled with top soil. Underground cabling three (3) feet or less below grade will be removed and salvaged.

The O&M facility will be demolished, removed from the site and foundations removed to four (4) feet below grade. The substation grounding system will also be removed and materials recovered for salvage.

The decommissioning estimate is also based on the following assumptions:

- Since the Project is in the early development phase and detailed engineering drawings have not been developed, design details (such as quantities and dimensions) and other project-specific information from prior wind experience and wind projects were used as the secondary basis in the estimate where applicable.
- The turbine decommissioning and dismantling effort is assumed to be the equivalent of turbine erection and installation for estimation of costs..
- Specific costs of certain decommissioning activities are gathered from RS Means<sup>1</sup>, a construction cost estimating database.
- Most salvageable materials (except turbine blades and geotextile fabric) are assumed to be transported to a nearby marshalling yard to be salvaged or sold.

### Salvage Value

Salvage values are derived from the anticipated makeup of the materials of construction of the turbines, towers, transformers, cable material, foundation material, and access road material to be removed. The current market and/or value of the salvageable materials, provides the basis for the total salvage value of the Project.

Based on data provided for the GE 2.5 MW WTGs, material weights for salvageable steel, copper, and other turbine components were estimated. Unit salvage values assume that the

<sup>&</sup>lt;sup>1</sup> RSMeans Data Online. https://www.rsmeans.com/products/online.aspx

\$23,850,000



steel from each turbine and tower assembly will be salvaged along with other metals (copper, aluminum, etc.), which make up much of the down tower cabling assembly.

The following assumptions were made for salvage value:

- Depending on the component, equipment, and anticipated decommissioning activity, various material recovery percentages ranging from 75% to 100% were assumed.
- The WTG blades are constructed of predominantly non-metallic materials (fiberglass reinforced epoxy and carbon fibers) so no salvage value was assumed (the landfill costs of the WTG blades are included in the decommissioning cost).
- Unit values of metallic salvage value are gathered from recent United States Geological Survey Mineral Surveys<sup>2</sup> and U.S. scrap material websites<sup>3</sup>. Other non-metallic salvage values (such as processed aggregate value) were determined from RS Means, a construction cost estimating database.
- All excess material that is not salvageable is anticipated to be removed off-site, to an approved landfill location or locations.

### **Decommissioning Cost/Salvage Summary**

Based on the above approach and assumptions, the estimated decommissioning cost and salvage value of the Project including the substation:

Estimated Decommission Cost

Estimated Salvage Value \$19,020,000

Estimated Decommissioning less Salvage Value \$4,830,000

The estimated dismantling, decommissioning, removal, and disposal costs for the Project is estimated to be more than the salvage value of indicated salvageable materials by approximately \$35,255 per wind turbine. A further cost and salvage estimate breakdown is

These costs are estimated based on conceptual design information, current (2018) published cost information or developed from construction estimating sources. These estimates will be subject to adjustment at the finalization of design and at the time actual decommissioning is initiated.

### Attachments:

Exhibit A – Decommissioning Costs Exhibit B – Salvage Value

found in the attached Exhibits A & B.

<sup>2 &</sup>quot;USGS Minerals Information: Iron and Steel Scrap". https://minerals.usgs.gov/minerals/pubs/commodity/iron\_&\_steel\_scrap/

<sup>&</sup>lt;sup>3</sup> SCRAP REGISTER, Scrap Metal prices in USA. https://www.scrapregister.com/scrap-prices/united-states/260.

# EXHIBIT A - DECOMMISSIONING COSTS

# EXHIBIT B—SALVAGE VALUE

			Estim	Estimated Material Salvage Value	vage Value	<b>d</b> i.				
Item	Description	Value Basis	Quantity Units	Est. Quantity	Est.Unit Value	Est. Salvage % Recovered	Salvage Value	Value	Remarks	
-	Tower; Steel	덛	137	171.9	286.68	100%	<del>С</del>	752,905 (	6.752.905 GE Document	٠.
ત્ય	Nacelle; Nose cone & misc. Steel	뎐	137	75.4	286.68	80%	<del>ری</del> ۔	367,630 (	GE Document	
ო	Nacelle/ Tower Copper (Estimated)	Ton	137	7.5	5,120,00	100%	co co		Estimated at 10% of the total Nacelle weight	
4	Hub; Bed Plate assembly	Ton	137	34.2	286.68	100%	<del>\$</del>	343,210 (	GE Document	
വ	Anchor Bolts/Reinforcement	Ton	137	4.7	286.68	100%	₩	184,310 F	Recovered from pedestal demolition	
ဖ	Down Tower Cable and fittings	Sq	137	670 \$	1.66		₩.		Estimated Copper Recovery	
7	Down Tower Controller/Converter	Ton	137	3.2	560.00		€		Based on published rate Electronic Scrap	
ω	Base transformer (small Transformer)	뎍	137	10,500 \$	0.38	100%	€9		Base of tower step up to 34,5 kV	
හ	Junction Box	<del>3</del>	90	300	0.17	100%	€9	1,530	Estimated scrap value	
9	Grounding and Cable	힉	137	64	3.05	80%	₩	21,359 1	Medium Voltage Cable & Ground,	
Ξ	Aggregate recovery	Շ	<b>-</b>	73,824 \$	27.52	75%	<del>⇔</del>	523,727	Processed value (surface addregates)	
12	Office & Naint, Building, Wall Panels	Ton	-	97.5	160.00	75%	₩		Estimated Salvage value	
						Subtotal	\$ 18	000'098'81		
	. 1. Scrap Steel value based on July 2017-July 2018 average: USGS Mineral Industry Surveys	018 average	: USGS Min	eral Industry Survey	ñ	٠				

	•		_		-		•								
Remarks	Based on copper windings; weight of transformer without oil	Oil age and contamination will determine recyclability	Salvager removes from site		Estimated from concept document	Substation; 8 foot fabric fence w/ posts at 8 ft. O.C.	Recovered on Cable reels	Recovered on Cable reels	Estimate 4/0 bare copper ground recovered from sub	Processed value	Average 16,29 Tons each	Bus Supports, Switch Stands; Dead end structures			
Salvage Value	278,970	85,838	7,980	7,919	24,368	4,133	1,984	21,327	22,546	61,094	118,500	24,368		000'099	
96 95 96 95	\$ %08	75% \$	100% \$	100% \$	100% \$	\$0%	\$ %08	82%	85% \$	75% \$	100%	100% \$	•	Subtotal \$	
Est Unit Value	0.52	1.75	0.38	0.67	286.68	286.68	286.68	0.22	3.05	27,52	286.68	286.68			
Est: Quantity	335,300 \$	32,700 \$	3200 \$	11,820 \$	85	18	4.3	38,016	8,711 \$	2,960 \$	16.3	\$ 98			
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Value Basis	q P	Gallon	r. P	ч Гр	Ton	Ton	Ton	Ġ.	Ë	Շ	Ton	Ton			
Description	<ol> <li>Main Power Transformer (Large)</li> </ol>	Oil Recovery From Recycle	CCVT / CT/PT Transformers	Aluminum Bus	Structure	Fence; Posts & gates	Static Cable Recovery (steel)	Line Cable Recovery Aluminum)	Ground Cable (Recovery) .	Aggregate Recovery	Steel Transmission Pole Recovery	Structural Steel Shape and plates			
Item	9	=	75	5	4	15	16	17	8	19	ଷ	₽.			

rated Salvage value \$ 19,0

Exhibit J: Form of Road Use Agreement

# Invenergy

### **EXHIBIT J**

### FORM OF ROAD USE AGREEMENT

Please see the following document

### COUNTY ROADS USE AGREEMENT

THIS	S COUNTY ROADS AGR	EEMENT (the "A	greement") is made and entered into
as of this	day of	, 20	, by and between Antelope County,
Nebraska, wl	hose address is 501 Main St	treet, Neligh, Nebra	ska 68756 (hereinafter referred to as
the "County"	), and Thunderhead Wind I	Energy LLC, whose	address is c/o Invenergy LLC, 1 S.
Wacker Dr.,	Suite 1800, Chicago, IL 60	606 (hereinafter ref	erred to as the "Developer").

### WITNESSETH:

WHEREAS, the County is the governmental entity and political concern directed and authorized pursuant to Neb. Rev. Statutes to construct, administer, operate and maintain roadways and highways in Antelope County, Nebraska, more specifically, the roads within the area of Antelope County, Nebraska to be utilized by Developer for the construction of a wind farm facility near Neligh, Nebraska (hereinafter referred to as "Wind Farm Facility");

WHEREAS, the term "Developer" shall extend to and include all employees, affiliated companies, authorized agents, visitors, contractors, subcontractors, successors, assigns, or any person under the direction or control of Thunderhead Wind Energy LLC;

WHERAS, Developer has developed plans and intentions to construct (and later operate) the Wind Farm Facility utilizing county roadways and highways for construction of the Wind Farm Facility;

WHEREAS, the County has previously consented to the location, development and construction of the Wind Farm Facility within Antelope County pursuant to County zoning regulations through its approval and granting of a conditional use permit to Developer for said purpose;

WHEREAS, the County and Developer wish to set forth their understanding and agreement as to the county roadway and highway use issues relating to the Work.

**NOW THEREFORE**, in consideration of the mutual promises and covenants herein set forth, the parties, intending to be legally bound, agree as follows:

- 1. For purposes of this Agreement:
  - a. The term "Work" means construction of the Wind Farm Facility, including the erection of towers, installation of turbines, collection systems, transformers, and transmission lines, necessary for the generation and conversion of electricity.

b. The term "Road Maintenance" means the grading, reshaping, graveling, surfacing, resurfacing, repair, and/or modification to the roadway/highway surfaces, sub-surfaces, grades, ditches, bridges, culverts or any other drainage fixture(s) on impacted roads necessary for, or related to, the Work. Graveling will use material from a pit location approved by the Antelope County Highway Superintendent, so long as the gravel is available in large enough quantities and at commercially reasonable, competitive rates. If an approved pit location cannot be found meeting this criteria, Developer shall make a good faith effort to locate gravel meeting the Antelope County Highway Superintendent's provided specifications. In no event shall the gravel used on the County Roads not meet sieve requirements as outlined by the Nebraska Department of Roads. For the avoidance of doubt, "Road Maintenance" shall not include Site Preparation, as defined in Section 1(f) below, or snow removal. c. The term "20 Construction Period" means the period beginning at the commencement of earth moving work for the Wind Farm by Developer and ending Developer shall not commence Road Maintenance during the Construction Period until it has complied with the requirements of Section 4. d. The term "Final Construction Period" means the period beginning on the date noticed by Developer for commencement of the Final Construction Period and ending on the earlier of (i) the commercial operations date of the Wind Farm Facility, or (ii) County's receipt of written notice from Developer that it has ceased performance of the Work. For the avoidance of doubt, the Final Construction Period shall not include the Construction Period, or any period between the Construction Period and the commencement of the Final Construction Period. Developer shall not commence Road Maintenance during the Final Construction Period until it has complied with the requirements of Section 5. e. The term "Construction Periods" means the \_\_\_\_\_ Construction Period and the Final Construction Period collectively. f. The term "Site Preparation" means inspections, surveys, geotechnical investigation for Road Maintenance or Work. Site Preparation shall not require or utilize heavy equipment or machinery that may adversely affect roadways. g. The term "Impacted Roads" means county roadways identified on "Exhibit A " and "Exhibit A" attached hereto.

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•	2. Developer and County agree the County roadways/highways utilized by the	
	Developer during the performance of the Work shall only be those identified on the	
	map attached as "Exhibit A" and "Exhibit A" (hereinafter collectively referred to as "Impacted Roads").	,
	3. Developer shall use commercially reasonable efforts to complete the Work by the commercial operations date of the Wind Farm Facility; provided, however, that the	
	time for completion shall be extended by a reasonable period to account for (i) any	
	Force Majeure (defined below) which delays the Work or (ii) delays in the	
	performance of the Work caused by third party contractors performing the Work.	
	4. Prior to the commencement of the Construction Period, Developer shall	
	present to the County its plans for all material Road Maintenance it intends to	
	perform upon roads impacted by the performance of the Work during the 2016	
	Construction Period. Within twenty (20) days of receipt, County shall have the	
	County Highway Superintendent review, and inspect such plans prior to approval,	٠
	provided that such approval is not to be unreasonably withheld, conditioned or	
	delayed. Following review and approval of the planned Road Maintenance with	
٠	respect to the Construction Period, Developer shall deliver notice of	
	commencement of the Construction Period prior to the commencement of the	
	same.	
	5. Prior to the commencement of the Final Construction Period, Developer shall present	
	to the County its plans for all material Road Maintenance it intends to perform upon	
•	roads impacted by the performance of the Work during the Final Construction Period.	
·	Within twenty (20) days of receipt, County shall have the County Highway	
. *	Superintendent review, and inspect such plans prior to approval, provided that such	
	approval is not to be unreasonably withheld, conditioned or delayed. Following	
	review and approval of the planned Road Maintenance with respect to the Final	
	Construction Period, Developer shall deliver written notice of commencement of	
	Final Construction Period prior to the commencement of the same.	
-	6. Developer shall, at its expense, perform the Road Maintenance (i) promptly following	-
	the end of the Construction Period, with respect to any damage caused during	
	the Construction Period, and (ii) promptly following the completion of the	
	Work, with respect to any damage caused during the Final Construction Period.	
	Developer shall, at its expense, promptly perform any site area clean up necessary to	
	restore Impacted Roads to serviceable condition as a result of any Site Preparation,	
	Work, or Road Maintenance, upon completion of Road Maintenance for the	
	Construction Period, and again upon completion of Road Maintenance for the Final	
	Construction Period.	

- 7. Following written notice from Developer that it has completed the performance of Road Maintenance of any road(s) surface, subsurface, culverts, bridges, drainage tiles, drainage facilities and adjacent ditches in accordance with this Agreement, County shall within thirty (30) days of receipt of such notice issue a resolution accepting responsibility for any continuing maintenance of such facilities, in form and substance similar to the resolution attached hereto as Exhibit B. For the avoidance of doubt, County shall not be required to wait until all Road Maintenance is finished, but may instead issue multiple resolutions as the Road Maintenance of certain designated batches of roads are completed, provided that the Developer shall have the right to designate any batch of roads Developer deems ready for acceptance by the County.
- 8. Developer and County shall agree as to the condition of Impacted Roads prior to the commencement of each of the Construction Periods. Prior to submitting its plans for Road Maintenance, Developer shall conduct Site Preparation necessary to assess the current state of existing roadways. Developer shall make video recordings and photographs of the current conditions of all Impacted Roads as designated in Exhibit A \_\_\_\_\_ and Exhibit A, will be undertaken by the Developer, at its expense and provided to the County for their review and retention prior to the commencement of each of the Construction Periods. The County shall have the right, if so desired, (i) to observe these recordings/photographs as they are being taken and (ii) to require Developer to undertake certain types of recordings and photographs or additional inspections and/or surveys if County reasonably believes the recordings/photographs are inadequate representations of the Impacted Roads current conditions.
- 9. In the event any of the Impacted Roads degrade (by way of example and not limitation, "degrade" means to show signs of bleeding, rolling, breaking or pumping) while performance of the Work is ongoing due to construction activities and/or the volume of construction traffic related to the Wind Farm Facility, Developer, at its expense and upon the request of the County, shall place appropriate warning signage and implement all necessary means to ensure safe passage of the motoring public within reasonable time; unless immediate hazards exist, in which case Developer shall take immediate commercially reasonable action to make the roadway safe for the motoring public. Developer shall not be responsible for any degradation of or damage to any roads occurring (i) prior to commencement of the \_\_\_\_\_ Construction Period, (ii) after the County has accepted responsibility (pursuant to Section 7) for any roads impacted during the \_\_\_\_\_ Construction Period, but prior to the commencement of the Final Construction Period or (iii) after the County has accepted responsibility (pursuant to Section 7) for any roads impacted during the Final Construction Period.

- 10. Developer shall at its expense, and upon the request of the County, obtain and post traffic control devices and/or warning signs at various locations as an aid and to ensure save travel for both construction and public traffic management. All such signage or postings shall comply with Nebraska Department of Roads ("NDOR") rules and regulations.
- 11. In the event that Developer moves a traffic control device or signage to accommodate its construction traffic, such device or signage shall be promptly replaced by the Developer at its expense.
- 12. At all times during each of the Construction Periods (but not for any time period in between the Construction Periods), Road Maintenance work, road improvement work, or repair work as described herein, Developer shall ensure that construction areas and routes are free and clear of debris, garbage, obstructions or hazards and excess mud and dirt. Upon request by the County during Road Maintenance or either of the Construction Periods, Developer shall promptly clear any debris, garbage, obstructions or hazards or excess mud or dirt, from a County road, culvert or ditch prior to dusk on the day such request is made.
- 13. If, during the course of Road Maintenance or either of the Construction Periods, the County notifies Developer of significant potholes or other conditions/hazards specifically caused by the construction traffic or construction activities which make travel on the County road hazardous, Developer shall at its expense immediately remediate the hazard, if feasible, and shall place adequate warning signs pending the remediation of the hazard prior to dusk on the day it receives notice of the hazardous condition(s) from the County (or promptly if such notice is received after dusk).
- 14. Developer agrees that the costs associated with Road Maintenance are the sole responsibility of the Developer. At least thirty (30) days prior to the commencement of Work on any road(s), Developer shall agree to present to the County Road Superintendent road improvement plans for such road(s) for his/her review, inspection and approval, which approval shall not be unreasonably withheld, conditioned or delayed and shall be made within thirty (30) days of County Road Superintendent's receipt of such plans. Developer shall reimburse County for the reasonable costs of such County Road Superintendent review to the extent the County Road Superintendent's review is beyond normal review activities upon receipt of an itemized invoice, such invoice not to exceed \$5,000.00.
  - 15. Developer shall agree that any permanent modification or permanent improvement to Impacted Roads shall comply with any and all state and local regulations and

- guidelines, and where applicable, any Federal regulations and guidelines, including signage requirements.
- 16. Developer shall agree and ensure that any road and intersection closures shall be marked and signed in accordance with NDOR rules and regulations and any applicable requirements.
- 17. The County reserves the right to request any road improvements remain in place after the completion of the Work during the Final Construction Period. The County shall be fully responsible and liable for the continued road maintenance of any road improvements it requests to remain in place following the completion of the Work and the County shall adopt a resolution accepting responsibility for such road improvements pursuant to Section 7.
- 18. Developer shall furnish to the County evidence of liability insurance in the amount of at least Three Million Dollars (\$3,000,000.00) (United States Currency) per occurrence covering the Road Maintenance, or any related Work, Site Preparation or clean up. The insurance policy shall provide for a thirty (30) day "prior notice of termination" provision in favor or the County. Should Developer allow such liability insurance to terminate prior to completion of the Work, road improvement and/or repair activities contemplated by this Agreement, the County shall have recourse against the Developer for the reimbursement of funds sufficient to cause the liability insurance to be reinstated until the completion of the Work, road improvements and/or repairs. The County shall be named as additional insured on the policy.
- 19. Developer shall be responsible for any and all state permits required to haul on public right of ways; provided however, County hereby grants Developer the right to haul on County roads, as described as Impacted Roads herein and outlined in attached Exhibit A, including loads that exceed posted County weight limits; provided that the Developer apply for and obtain any such needed permits from the County, at the sole expense of the developer.
- 20. Developer shall ensure that its contractors, subcontractors, material suppliers and their respective transport providers transporting oversized (overwidth and overweight) loads, use the County roads as designated in Exhibit A \_\_\_\_\_ and Exhibit A during daylight hours only and shall display slow moving vehicle emblems and provide escort vehicles and related safety warning signage and lighting as required by federal, state and local highway rules and regulations.

- 21. Developer shall agree to meet with relevant school district officials to ensure that County roads used by school bus routes are not closed during times students are transported to and from school, or that acceptable alternative routes exist and otherwise to further ensure that reasonably suitable arrangements are put into place for the safe and timely transportation of the local children to and from school.
- 22. Developer agrees to hold the County, County Supervisors and County Road Superintendent, harmless, indemnify, defend, pay costs of defense (including attorney's fees), and pay any and all claims or judgments which may hereafter accrue against the County and or the County Board, and/or their agents, servants and employees, arising out of any of the use as permitted hereunder of the County roads by Developer, its successors and/or assigns or its employees, agents, contractors, subcontractors and material suppliers and their respective transport providers in connection with the Work, or as a result of Developer's negligent performance or intentional failure to comply with the terms and obligations set forth in this Agreement.
- 23. Application of the terms and obligations of this Agreement are limited to the performance of the Work as detailed in the Conditional Use Permit previously approved and granted to the Developer by the County. In the event the Developer desires the use of County roads for future maintenance and/or warranty work on the Wind Farm Facility, then the Developer shall be responsible for any road damage caused by any such maintenance and/or warranty work. Furthermore, the Developer shall agree to inform any contractor, subcontractor, agent, etc. that is contracted to perform any future maintenance and/or warranty work to use only those roads and Exhibit A. In addition, for future maintenance designated in Exhibit A and/or warranty work after the Work is complete, the acquisition of individual permits may be required as needed for overweight or over length loads, which permits will be issued by the County in a timely manner upon the payment of the current permit fee. In the event Developer desires to use the County roads for the development of another Wind Farm Facility or expansion of the completed Wind Farm Facility, another road agreement with the County shall be required.
- 24. Due Authorization. Developer hereby represents and warrants that this Agreement has been duly authorized, executed and delivered on behalf of Developer, and that Developer has the power and authority to enter into this Agreement. The County hereby represents and warrants that this Agreement has been duly authorized, executed and delivered on behalf of the County and that the County has the power and authority to enter into this Agreement.

- 25. Severability. If any provision of this Agreement is held invalid under any applicable law, such invalidity shall not affect any other provision of the Agreement that can be given effect without the invalid provision and, to this end, the provisions hereof are severable.
- 26. Entire Agreement. This Agreement contains the entire understanding of the parties as to the matters set forth herein, and the Agreement supersedes any prior agreements or understanding by and between the parties.
- 27. Notices. All notices shall be in writing. Any notice shall be deemed to be sufficiently given: (i) on the date, if delivered in person; (ii) five days after being sent by United States registered or certified mail, postage prepaid, return receipt requested; or (iii) on the next business day if sent by overnight delivery service (i.e. Federal Express) to the notified party at its address set forth above. These addresses shall remain in effect unless another address is substituted by written notice. Notice may be sent via email or facsimile transmission to a facsimile number; provided, however, that notice sent via email or facsimile transmission shall be followed by notice delivered by personal service or by registered or certified mail, return receipt requested or by overnight delivery service.
- 28. Counterparts. This Agreement may be executed in any number of counterparts, each of which shall be deemed an original, with the same effect as if the signatures thereto and hereto were upon the same instrument. Delivery of an executed counterpart of a signature page to this Agreement by email or telecopier shall be as effective as delivery of a manually signed counterpart to this Agreement.
- 29. Force Majeure. If performance of the Agreement or any obligation hereunder is prevented or substantially restricted or interfered with by reason of an event of "Force Majeure", the affected party, upon giving notice to the other party, shall be excused from such performance to the extent and for the duration of such prevention, restriction or interference. The effected party shall use its reasonable efforts to avoid or remove such causes of nonperformance and shall continue performance hereunder whenever such causes are removed. "Force Majeure" means fire, earthquake, flood, or other casualty, condemnation, accident, prohibitive or severe weather condition (including but not limited to inclement weather events that saturate the roads and surrounding soil such that the soil is unworkable, including rain, snow, and frost), blizzard or hazardous winter weather conditions, frost ban or similar road restrictions, closing of asphalt production facilities within a commercially reasonable distance of the Wind Farm Facility; strikes or labor disputes; war, civil strife or other violence; any law, order, proclamation, regulation, ordinance, action, demand or requirement of

- any government agency or utility; or any other act or condition beyond the reasonable control of a party hereto.
- 30. This Agreement, its terms, obligations and the rights of the parties herein shall be binding upon the successors, executors, administrators and assigns of both the Developer and the County.
- 31. In the event that any mortgage is entered into by Developer, then the mortgagee shall, for so long as its mortgage is in existence and until the lien thereof has been extinguished, be entitled to the protections set forth in this section. Developer shall send written notice to the County of the name and address of any such mortgagee. A mortgagee of Developer shall have the right: (i) to assign its security interest; (ii) to enforce its lien and acquire Developer's rights set forth herein; (iii) to exercise all of Developer's rights hereunder, and to assume and perform all obligations to be performed by Developer hereunder, or to cause a receiver to be appointed to do so (by way of assuming Developer's rights or substitution without such assumption); and (iv) following exercise of its rights under applicable mortgage, to assign or transfer Developer's rights to a third party. If Developer defaults hereunder, the County shall give notice of Developer's failure to perform to each mortgagee, of which it has notice, concurrently with delivery of such notice to Developer. In the event the County give such notice of failure to perform, the mortgagee shall have the same period after receipt of the notice of failure to perform to remedy the failure to perform, or cause the same to be remedied, as is given to Developer, plus, in each instance, such time reasonably required to complete such cure, including the time required for the mortgagee to perfect its right to cure failure to perform by obtaining possession (including possession by a receiver) or by instituting foreclosure proceedings, provided the mortgagee acts with reasonable and continuous diligence.
- 32. Each of the parties hereto, their successors and assigns, covenant and agree that in the event of default of any of the terms, provisions or conditions of this Agreement by any party, or their successors or assigns, which default is not cured for a period of seven (7) days (or such longer period of time (i) as is reasonably necessary to cure the same, (ii) as otherwise provided in this Agreement or (iii) as provided by law) after written notice to the defaulting party of such default, the party seeking to enforce said provisions shall then have the right of specific performance, injunctive relief or any other remedy available at law or in equity.
- 33. This Agreement may be assigned, in whole or in part, or collaterally, without the written consent of the other party.

- 34. Financial Assurance. Not less than fifteen (15) days after execution of this Agreement, Developer shall provide the County with a bond issued by a sound financial institution in a form reasonably acceptable to the County in the amount of \$1,000,000. The parties acknowledge that the exact terms of the bond may be subject to terms required by the financial institution issuing such bond. The bond shall provide security to the County for Developer's obligations to the County hereunder. Upon the later of (i) two years after the end of the Final Construction Period, or (ii) Developer fulfilling all of its repair obligations set forth hereunder, Developer shall have no further obligation to maintain the bond which shall be cancelled and returned to Developer. In order for the County to draw upon the bond, the County shall be obligated to first submit an invoice to Developer (and Developer's mortgagee, if any) setting forth in detail the time, materials and charges incurred in the repairs necessitating such draw request. Developer may request additional information from the County to the extent such request is reasonable. Once all requested information has been provided to Developer, Developer shall have twenty (20) days thereafter to either dispute such draw request by providing written notice to the County or pay the County the funds requested under the draw. Developer's approval of a draw request within such twenty (20) day period or Developer's failure to provide a dispute notice within such twenty (20) day period shall be deemed a waiver by Developer of its right to contest such draw request. If Developer contests such draw request, Developer's written notice shall contain a detailed explanation of which expenses are disputed and why they are disputed and which expenses are approved. County shall be entitled to draw any non-disputed portion of a draw request. County may not draw any funds from the bond for any expenses that are being disputed until written agreement between the parties or if the parties cannot resolve the dispute within thirty (30) days, the parties shall agree upon a third party Nebraska Licensed Professional Engineer to evaluate the dispute, whose decision shall be binding on the Parties. The cost of said engineer shall be split between the Developer and the County.
- 35. Developer and County agree that in the event the Developer breaches this agreement by utilizing a road **not specifically listed or included** upon Exhibit for purposes of the Work, utilizing any vehicle(s) or equipment(s) with a GVWR of 12,000 pounds or more, or any vehicle(s) with a combined 3 or more axles, the Developer will be assessed a penalty in the amount of \$2,500.00 for each occurrence.

36.

37. Developer and County agree that in the event the Developer breaches this agreement by utilizing a road **not specifically listed or included** upon Exhibit A for purposes of the Work, utilizing any vehicle(s) or equipment(s) with a GVWR of 12,000 pounds or more, or any vehicle(s) with a combined 3 or more axles, and Damage to the road

surface or any part of the county right of way occurs as a result, the Developer shall at its expense repair or restore, or cause to be repaired or restored, any damage(s) to roads caused by the use and breach, returning the roadway and any part of the county right of way to their original conditions as is reasonable. Developer and County acknowledge that roads subject to this provision are not subject to paragraph eight (8) of the Agreement, but the Developer will be liable for the repairs as is reasonable to insure safe travel by the general public. These repairs are to include damage specifically caused by construction activities associated with the Work whether such damage is caused by Developer, its successors or assigns and/or its employees, agents, contractors, subcontractors, material suppliers and/or their respective transport providers. "Damages" shall mean any degradation of the road(s) surface, subsurface, culverts, bridges, drainage tiles, drainage facilities and adjacent ditches. Any damage(s) caused to the extent that the County Road Superintendent review, services, and/or certifications are needed, Developer shall reimburse County for the reasonable costs of such County Road Superintendent review to the extent the County Road Superintendent's review is beyond normal review activities upon receipt of an itemized invoice, such invoice not to exceed \$5,000.00.

[signature page to follow]

IN WITNESS WHEREOF, the parties hereto have executed this Agreement the day and year first written above.

COUNTY:	DEVELOPER:
Antelope County, Nebraska	Thunderhead Wind Energy LLC
By: Chairman, Antelope County Board of Supervisors	
ATTEST:	
By: Antelope County Clerk	

### EXHIBIT A

### EXHIBIT B

### **RESOLUTION**

In accordance with paragraph \_\_ of the County Roads Use Agreement (the "County Roads Use Agreement"), between Antelope County and the Developer, as defined therein, Developer has maintained and restored County roads to the as-found condition or better for the County roads identified on the attached Exhibit A. The County roads listed on Exhibit A were reviewed jointly with representatives of Developer and the County and were confirmed to meet or exceed the as-found condition. Accordingly, upon approval of this Resolution by the County Board, the responsibility for maintenance of these roads will revert to and shall become the responsibility of Antelope County, and except for the conditions stated herein, all obligations of the Developer pursuant to the County Roads Use Agreement will terminate for County roads listed on Exhibit A. County roads which are not yet complete will continue be the responsibility of Developer until such time as they meet all requirements for the design of roads being upgraded and/or road condition meets or exceeds the as-found condition of the roads.

IT IS HEREBY RESOLVED, that Antelope County accepts responsibility for road maintenance as shown on the attached Exhibit A with the following conditions:

- Bridges utilized in the performance of the Work and included in the County Roads Use
   Agreement will be inspected by the County Engineer. Any damage noted and attributed to
   the Work will continue to be the responsibility of the Developer.
- 2. Re-vegetation of road ditches and County right of way property remain the responsibility of Developer until such time as greater than 70% coverage is achieved with a seed mix acceptable to the County.

IT IS FURTHER RESOLVED, that except for the conditions stated above, all obligations of the Developer pursuant to the County Roads Use Agreement are hereby terminated for County roads listed on Exhibit A.